

TEST REPORT

Clients	BRUHAT BENGALORE MAHANAGARA PALIKE
Project	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	Sri.A G. Narayana Swamy.

SPECIFIC GRAVITY AND WATER ABSORPTION FINE AGGREGATE (IS-2386-PART-3)

FINE AGGREGATE (IS-2386-PART-3)					
Type of Material	M sand		Proposed Use	concrete	
Location/Source	Eshwara Condiments Side Road (Medows Appartment Opp)		Date of Sampling	11-06-2021	
Period of Soaking	24 hours		Date of Testing	12-06-2021	
Sl. No.	Test Property	TRIAL - 1	TRIAL - 2	TRIAL - 3	
A	Weight of sturated surface dry sample gm.	647	662	655	
B	Weight of oven - dry sample gm.	639	653	647	
C	Weight of Pycnometer Filled with water gm	1275	1275	1275	
D	Weight of Pycnometer + sample + water gm	1681	1691	1686	
E	Bulk specific gravity $\frac{B}{(C + A - D)}$	2.651	2.654	2.652	2.653
G	Absorption (%) $\frac{(A - B) * 100}{B}$	1.252	1.378	1.236	1.289

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- 4.The material used in the site satisfied the standard of MORTH's 5th revision and hence can be used in the work.

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TEJUS CONSULTANTS

No. 58, 3rd main, 6th Cross, 1st Stage KHB Colony, Basaveshwaranagar, Bangalore - 560079, O : +91 80 23287532, tejusconsultants@gmail.co

Test Report on Cement

TEJUS

Project	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri.A G. Narayana Swamy.
Sample ID	Cement (ACC Cement) OPC 43 Grade
Date of Sample Tested	12-06-2021
Sample Supplied By	Agency

Sl.No.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	110 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	458 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	6mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	28.00%	25 % to 35

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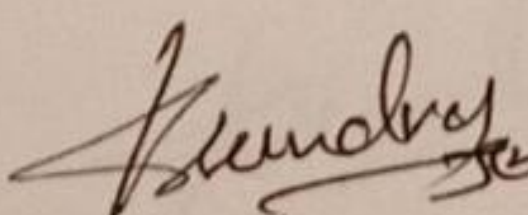
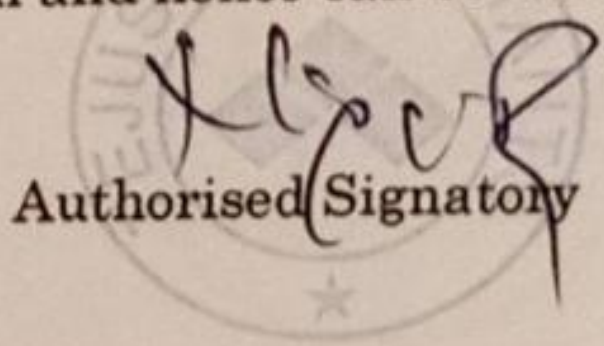
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Project	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.		
Client	BRUHAT BANGALORE MAHANAGARA PALIKE		
Consultant	M/s Tejus Consultants		
Contractor	Sri.A G. Narayana Swamy.		
Field Dry Density test by Sand Replacement Method (As per IS 2720 (Part 28))			
Date of Testing	16-06-2021		
Layer no. or level	GSB layer		
Depth of hole	200mm		
Field density:	1	2	3
Chainage	Chokkanahalli Layout Main Road at Ch:82	Chokkanahalli Layout Main Road at Ch:130	Chokkanahalli Layout Main Road at Ch:285
Wt. of wet material from hole (Ww) gms.	5978	5966	5988
Wt. of sand+cylinder before pouring (w1) gms.	15000	15000	15000
Wt. of sand+cylinder after pouring (w2) gms.	10588	10590	10582
Wt. of sand in hole+ cone (w3) gms.	4412	4410	4418
Wt. of cone gms.	1080	1080	1080
Wt. of sand gms.	3332	3330	3338
Bulk density of sand (ys)gm/cc	1.32	1.32	1.32
Bulk density of material(i.e. wt. of the wet material) (yb)=(Ww/w4*(ys))gm/cc	2.37	2.36	2.37
Moisture meter reading(moisture content)	6.50	6.40	6.50
Result			
FDD(Wt.of the dry material)=(100yb/100+mc)gm/cc	2.22	2.22	2.22
MDD	2.25	2.25	2.25
OMC	6.30%	6.30%	6.30%
% compaction obtained	98.83	98.78	98.82
% compaction required	98%	98%	98%

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Client	BRUHAT BANGALORE MAHANAGARA PALIKE
Consultant	M/s Tejus Consultants
Contractor	Sri.A G. Narayana Swamy.

Field Dry Density test by Sand Replacement Method (As per IS 2720 (Part 28))

Date of Testing	16-06-2021		
Layer no. or level	GSB layer		
Depth of hole	200mm		
Field density:	1	2	3
Chainage	Chokkanahalli Layout Main Road at Ch:360	Chokkanahalli Layout Main Road at Ch:465	Chokkanahalli Layout Main Road at Ch:530
Wt. of wet material from hole (Ww) gms.	5975	5943	5974
Wt. of sand+cylinder before pouring (w1) gms.	15000	15000	15000
Wt. of sand+cylinder after pouring (w2) gms.	10588	10595	10582
Wt. of sand in hole+ cone (w3) gms.	4412	4405	4418
Wt. of cone gms.	1080	1080	1080
Wt. of sand gms.	3332	3325	3338
Bulk density of sand (ys)gm/cc	1.32	1.32	1.32
Bulk density of material(i.e. wt. of the wet material) (yb)=(Ww/w4*(ys))gm/cc	2.37	2.36	2.36
Moisture meter reading(moisture content)	6.50	6.40	6.50
Result			
FDD(Wt.of the dry material)=(100yb/100+mc)gm/cc	2.22	2.22	2.22
MDD	2.25	2.25	2.25
OMC	6.30%	6.30%	6.30%
% compaction obtained	98.78	98.55	98.59
% compaction required	98%	98%	98%

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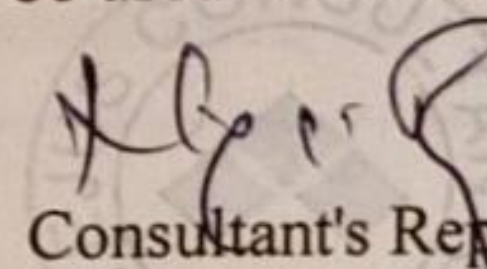
KERB STONE (CORE) TEST REPORT

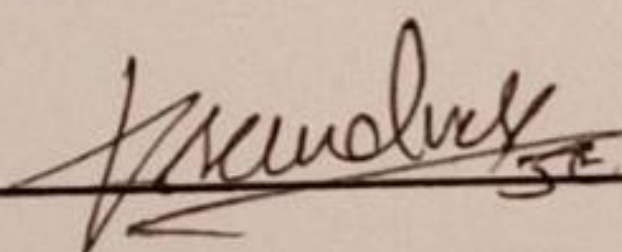
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Client	:	Bruhat Bengaluru Mahanagara Palike
Contractor	:	Sri.A G. Narayana Swamy.
Consultant	:	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
No.of Sample Tested	:	3
Date of Testing	:	16-06-2021
Technical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M ₁₅

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correcti on factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correctio n Factor for the Dia. (Strength	Corrected Cylinder Compressiv e Strength (N/mm ²)	Equivalent Cube Compressi ve Strength
1	50.00	85.00	0.387	2318.79	1.70	0.960	29.92	15.24	16.46	15.80	19.75
2	50.00	85.00	0.390	2336.77	1.70	0.960	29.69	15.12	16.33	15.68	19.60
3	50.00	85.00	0.362	2169.00	1.70	0.960	29.72	15.14	16.35	15.69	19.62

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 Consultant's Representative


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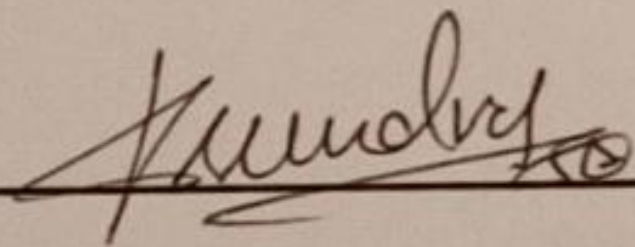
PRECAST SLAB (CORE) TEST REPORT

Client	:	Bruhat Bangalore Mahanagara Palike
Contractor	:	Sri.A G. Narayana Swamy.
Name of Work	:	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.
No. of Sample Tested	:	3
Date of Testing	:	16-06-2021
Technical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M15, 100mm thick

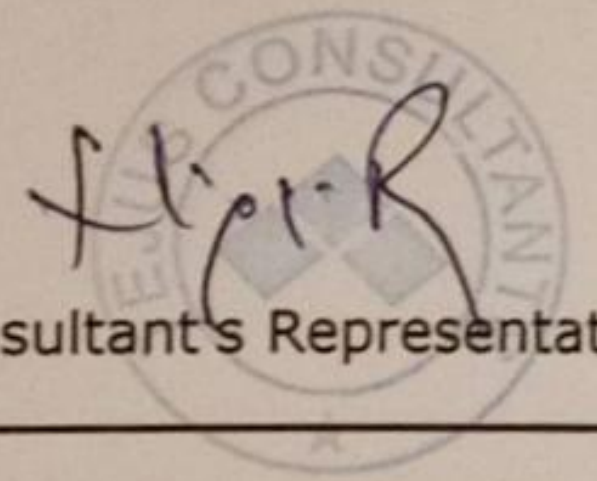
Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	90.00	0.469	2654.00	1.80	0.960	29.55	15.05	16.25	15.60	19.50
2	50.00	90.00	0.472	2670.97	1.80	0.960	29.65	15.10	16.31	15.66	19.57
3	50.00	90.00	0.489	2767.17	1.80	0.960	29.71	15.13	16.34	15.69	19.61

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Consultant's Representative



Test Report on Cement

Project	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri.A G. Narayana Swamy.
Sample ID	Cement (ACC Cement) OPC 43 Grade
Date of Sample Tested	21-06-2021
Sample Supplied By	Agency

Sl.No.	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part-5)	108Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part-5)	469 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part-3) By the Le-Chatelier method	5 mm	Not More than 10 mm
3	Standard Consistency	IS-4031 (Part-4)	27.00%	25 % to 35

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TEST REPORT

Clients	Bruhat Bangalore Mahanagara Palike
Project	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	Sri.A G. Narayana Swamy.
Total Weight:	10000 gms

SIEVE ANALYSIS

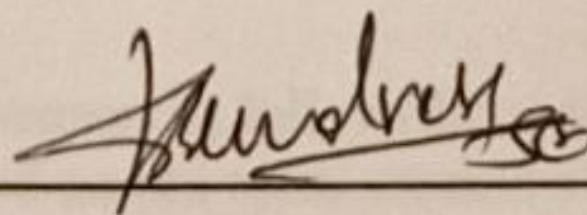
Type of Material	20 mm down size		Proposed Use	Concrete	
Sample Location	At Plant		Date of Sampling	21-06-2021	
			Date of Testing	22-06-2021	
IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
40.00 mm	0	0	0	100	100
20.00 mm	268	268	2.68	97.32	95 - 100
10.00 mm	4765	5033	50.33	49.67	25 - 55
4.75 mm	4298	9331	93.31	6.69	0 - 10
Pan	669	10000			

Remarks :

Satisfactory / Not Satisfactory

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Clients	Bruhat Bangalore Mahanagara Palike
Project	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.
Consultants	TEJUS CONSULTANTS
Contractor	Sri.A G. Narayana Swamy.
Total Weight:	10000 gms

SIEVE ANALYSIS

Type of Material	12.5 mm down size		Proposed Use	CONCRETE	
Sample Location	At Plant		Date of Sampling	21-06-2021	
			Date of Testing	22-06-2021	
IS Sieve Size (in mm)	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing
20.0	0	0	0	100	100
12.5	520	520	5.20	94.80	90-100
10.0	4562	5082	50.82	49.18	40-85
4.75	4288	9370	93.70	6.30	0-10
Pan	630	10000			

Remarks :

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TEST REPORT

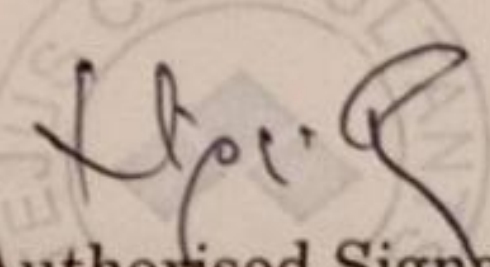
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Project	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.
Consultants	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	Sri.A G. Narayana Swamy.

SPECIFIC GRAVITY AND WATER ABSORPTION
FINE AGGREGATE (IS-2386-PART-3)

Type of Material		M sand		Proposed Use		concrete	
Location/Source		At Plant		Date of Sampling		21-06-2021	
Period of Soaking		24 hours		Date of Testing		22-06-2021	
Sl. No.	Test Property		TRIAL - 1	TRIAL - 2	TRIAL - 3		
A	Weight of sturated surface dry sample gm.		669	643	651		
B	Weight of oven - dry sample gm.		660	638	642		
C	Weight of Pycnometer Filled with water gm		1275	1275	1275		
D	Weight of Pycnometer + sample + water gm		1695	1682	1684		
E	Bulk specific gravity	$\frac{B}{(C + A - D)}$	2.651	2.703	2.653	2.669	
G	Absorption (%)	$\frac{(A - B) * 100}{B}$	1.364	0.784	1.402	1.183	

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KERB STONE (CORE) TEST REPORT

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Client	:	Bruhat Bengaluru Mahanagara Palike									
Contractor	:	Sri.A G. Narayana Swamy.									
Consultant	:	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore									
No.of Sample Tested	:	3									
Date of Testing	:	22-06-2021									
Technical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.									
Grade of Concrete	:	M ₁₅									
Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correcti on factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correctio n Factor for the Dia. (Strength	Corrected Cylinder Compressiv e Strength (N/mm ²)	Equivalent Cube Compressi ve Strength
1	50.00	85.00	0.388	2324.79	1.70	0.960	29.63	15.09	16.30	15.65	19.56
2	50.00	85.00	0.395	2366.73	1.70	0.960	29.72	15.14	16.35	15.69	19.62
3	50.00	85.00	0.368	2204.95	1.70	0.960	29.87	15.21	16.43	15.77	19.72

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Consultant's Representative



PRECAST SLAB (CORE) TEST REPORT

Client	1	Bruhat Bangalore Mahanagara Palike
Contractor	1	Sri A G. Narayana Swamy.
Name of Work	1	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagalur and Kattigenahalli Byatarayanapura Constituency.
No. of Sample Tested	1	3
Date of Testing	1	22-06-2021
Technical Reference	1	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	1	M15, 100mm thick

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core $\times$ 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	90.00	0.477	2699.27	1.80	0.960	29.66	15.11	16.31	15.66	19.58
2	50.00	90.00	0.492	2784.15	1.80	0.960	29.74	15.15	16.36	15.70	19.63
3	50.00	90.00	0.482	2727.56	1.80	0.960	29.69	15.12	16.33	15.68	19.60

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Consultants	Tejus Consultants, Bangalore
Contractor	Sri.A G. Narayana Swamy.

SIEVE ANALYSIS

Total Weight:	3000	gms			
Type of Material	M sand		Proposed Use	concrete	
Sample Location	At Plant		Date of Sampling	22-06-2021	
			Date of Testing	22-06-2021	
IS Sieve Size	Weight Retained	Cum. Weight Retained	Cum. % Retained	Cum. % Passing	Spec. Limit (%) Passing (Zone-II)
10.00 mm	0	0	0	100.00	100
4.75 mm	215	215	7.17	92.83	90 - 100
2.36 mm	319	534	17.80	82.20	75 - 100
1.18 mm	445	979	32.63	67.37	55 - 90
0.600 mm	492	1471	49.03	50.97	35 - 59
0.300 mm	712	2183	72.77	27.23	8-30
0.150 mm	628	2811	93.70	6.30	0 - 10
Pan	189	3000			-

Remarks :

✓ Satisfactory / Not Satisfactory

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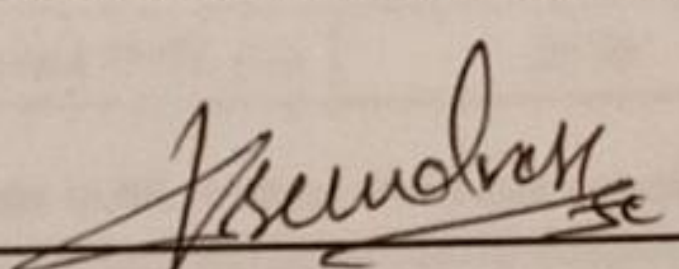
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Client	Bruhat Bengaluru Mahanagara Palike					
Consultant	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore					
Contractor	Sri.A G. Narayana Swamy.					
AGGREGATE IMPACT VALUE (IS: 2386 Part - 4)						
Proposed Use	WMM	Date of Sampling	22-06-2021			
Sample Location	Chokkanahalli Layout Main Road	Date of Testing	23-06-2021			
Sl. No.	Description	Test No.	1	2	3	Spec Limit (%)
1	Wt. of stone pieces (dry) passing IS Sieve 12.5mm but retained in IS sieve 10mm (gm)	(Wa)	367.00	373.00	340.00	
2	Wt. of the fraction retained in IS sieve 2.36mm after the impact test (gm)	(Wb)	272.00	280.00	258.00	
3	Wt. of the fraction passed in IS sieve 2.36mm after the impact test (gm)	(Wc)	95.00	93.00	82.00	
4	Aggregate Impact Value (%)	$(Wc/Wa) \times 100$	25.89	24.93	24.12	
5	Average Aggregate impact value	(%)	24.98			Max - 30 %
Remarks :		✓ Satisfactory / Not Satisfactory				
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		 Consultant's Representative				

Project	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.		
Client	Bruhat Bengaluru Mahanagara Palike		
Consultant	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore		
Contractor	Sri A G. Narayana Swamy.		

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FLAKINESS AND ELONGATION INDICES (IS 2386, PART 1)

Type of Material	WMM		Proposed Use	WMM	
Sample Location	Chokkanahalli Layout Main Road		Date of Sampling	22-06-2021	
			Date of Testing	23-06-2021	
Size of aggregate		Flakiness Index		Elongation Index	
Passing through IS sieve, mm	Retained on IS sieve, mm	Total wt. of aggregate retained on sieves (A) gms.	Wt. of aggregate passing from Flakiness gauge (B) gms	Wt. of aggregate retained on Flakiness gauge (C) gms	Wt. of aggregate retained on Elongation gauge after retained on Flakiness gauge(D)gms
63.0	50.0	0	0	0	0
50.0	40.0	0	0	0	0
40.0	31.5	0	0	0	0
31.5	25.0	0	0	0	0
25.0	20.0	0	0	0	0
20.0	16.0	614	82	524	76
16.0	12.5	1130	120	980	115
12.5	10.0	775	56	720	56
10.0	6.3	620	65	566	45
Total		3139	323	2790	292

Note: Minimum 200 Pcs should be taken on each fraction of test

Flakiness Index(%):	10.29
Elongation Index(%):	10.47
Combined FI+EL (%)	20.76

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Consultant's Representative

TEJUS CONSULTANTS

No. 58, 3rd main, 6th Cross, 1st Stage KHB Colony, Basaveshwaranagar, Bangalore - 560079, O : +91 80 23287532, tejusconsultants@gmail.com

Name of Work	:	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.
Client	:	Bruhat Bengaluru Mahanagara Palike
Consultant	:	TEJUS CONSULTANTS, Basaveshwar Nagar Bangalore
Contractor	:	Sri.A G. Narayana Swamy.
Date of Testing	:	23-06-2021
Type of Mix	:	WMM
Sample I/D	:	WMM 2

GRADATION FOR WMM
(As per MORT&H 400-11)

Sample Location:	Chokkanahalli Layout Main Road	Date of Sampling:	22-06-2021
		Date of testing:	23-06-2021
Type of material & Purpose:	WMM	Oven Dry Wt.(gms):	10000.0

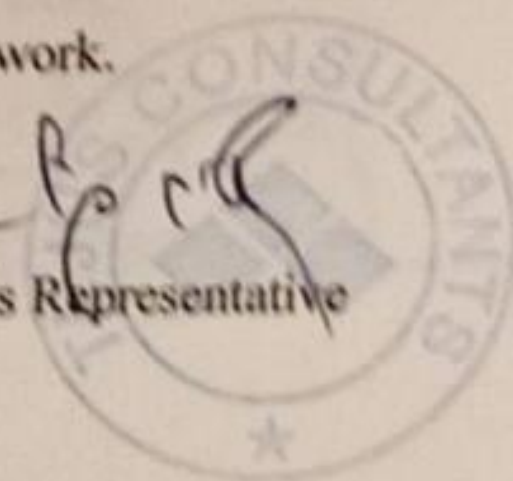
IS Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
53	0	0	0.00	100.00	100.00
45	369	369	3.69	96.31	95-100
22.4	2415	2784	27.84	72.16	60-80
11.2	2480	5264	52.64	47.36	40-60
4.75	1488.0	6752	67.52	32.48	25-40
2.36	795.0	7547	75.47	24.53	15-30
0.6	830.0	8377	83.77	16.23	8.0-22.0
0.075	995.0	9372	93.72	6.28	0-8
Pan	628.0	10000			
Total	10000.0				

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Name of Work	:	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.
Client	:	Bruhat Bengaluru Mahanagara Palike
Consultant	:	TEJUS CONSULTANTS, Basaveshwar Nagar Bangalore
Contractor	:	Sri.A G. Narayana Swamy.
Date of Testing	:	23-06-2021
Type of Mix	:	WMM
Sample I/D	:	WMM 1

GRADATION FOR WMM

(As per MORT&H 400-11)

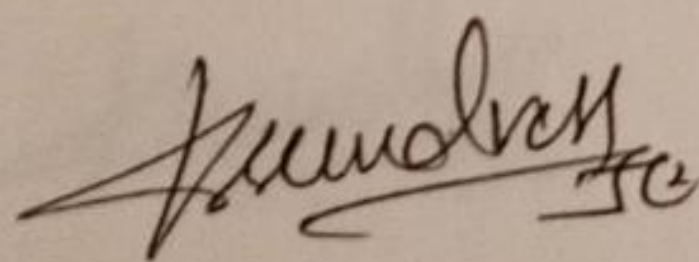
Sample Location:	Chokkanahalli Layout Main Road	Date of Sampling:	22-06-2021
		Date of testing:	23-06-2021
Type of material & Purpose:	WMM	Oven Dry Wt.(gms):	10000.0

IS Sieve size in mm	Weight retained	Cummulative weight retained (gm)	Cummulative % of retained	Cummulative % of passing	Specification limits
53	0	0	0.00	100.00	100.00
45	389	389	3.89	96.11	95-100
22.4	2325	2714	27.14	72.86	60-80
11.2	2492	5206	52.06	47.94	40-60
4.75	1488.0	6694	66.94	33.06	25-40
2.36	790.0	7484	74.84	25.16	15-30
0.6	866.0	8350	83.50	16.50	8.0-22.0
0.075	990.0	9340	93.40	6.60	0-8
Pan	660.0	10000			
Total	10000.0				

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Project	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagalur and Kattigenahalli Byatarayanapura Constituency.
Client	Bruhat Bengaluru Mahanagara Palike
Consultant	TEJUS CONSULTANTS Basaveshwar Nagar Bangalore
Contractor	Sri A G Narayana Swamy.

Field Dry Density test by Sand Replacement Method (As per IS 2720 (Part 28))

	Date: 23-06-2021	
Layer no. or level	Sub Grade I layer	
Depth of hole	200mm	
Field density:	1	2
Chainage / Location	Agrahara Layout Main Road '@252	Agrahara Layout Main Road '@365
Wt. of wet material from hole (Ww) gms.	5530	5551
Wt. of sand+cylinder before pouring (w1) gms.	14535	14535
Wt. of sand+cylinder after pouring (w2) gms.	9780	9710
Wt. of sand in cone (w3) gms.	875	875
Wt. of sand in hole (w4)=(w1-w2-w3) gms.	3880	3892
Bulk density of sand (ys)gm/cc	1.316	1.316
Bulk density of material(i.e. wt. of the wet material) (yb)=(Ww/w4*(ys))gm/cc	1.88	1.88
Moisture meter reading(moisture content)	9.00	8.85
Result		
FDD(Wt.of the dry material)=(100yb/100+mc)gm/cc	1.72	1.72
MDD	1.81	1.81
OMC	9.40%	9.40%
% compaction obtained	95.22	95.27
% compaction required	97%	97%

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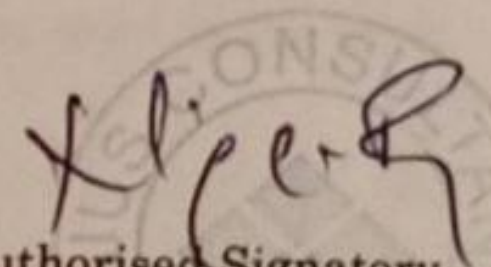
Consultant's Representative

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.							
Client	Bruhat Bangalore Mahanagar Palike							
Consultant	TEJUS CONSULTANTS							
Contractor	Sri. A G. Narayana Swamy.							
Grade of concrete:	M20							
Size of cube:	150x150x150 mm							
Reference IS code:	IS:516-1959							
Sample Location	Ch:130 RHS Srinivasa Garden Layout 2nd Main Road (For Sidewall)							
Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	23-06-2021	30-06-2021	7 days	8.155	22500	312	13.87	13.75
2	23-06-2021	30-06-2021	7 days	8.164	22500	307	13.64	
3	23-06-2021	30-06-2021	7 days	8.195	22500	309	13.73	

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 Authorised Signatory

Signature
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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Project	Developments works to be under taken in Ward No.05 of BBMP around Solid Waste Disposal Processing units Bellahalli, Bagaluru and Kattigenahalli Byatarayanapura Constituency.
Client	Bruhat Bangalore Mahanagar Palike
Consultant	TEJUS CONSULTANTS
Contractor	Sri.A G. Narayana Swamy.
Grade of concrete:	M20
Size of cube:	150x150x150 mm
Reference IS code:	IS:516-1959
Sample Location	Ch:130 RHS Srinivasa Garden Layout 2nd Main Road (For Sidewall)

Sl.No.	Date of Casting	Date of testing	Age of Test	Weight of Cube	Area of Cube	Failure load	Compressive strength	Avg. Compressive strength
				Kg	mm ²	KN	N/mm ²	N/mm ²
1	23-06-2021	21-07-2021	28 days	8.158	22500	516	22.93	22.95
2	23-06-2021	21-07-2021	28 days	8.169	22500	519	23.07	
3	23-06-2021	21-07-2021	28 days	8.175	22500	514	22.84	

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